

**INFORMATION
DISCLOSURE
STATEMENT
(Form PTO-1449)**
Patty. Docket No.: 56684US002
Serial No.: 09/853,054
Applicant(s): James A. Hern et al.
Filing Date: May 10, 2001
Group:
PAGE 1 OF 2
U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
<i>W</i>	5,792,720	8/11/98	Ro et al.	<i>7</i>	<i>1</i>	
<i>W</i>	5,492,882	2/20/96	Doughty et al.	<i>1</i>	<i>1</i>	
<i>W</i>	5,145,820	9/8/92	Liang et al.	<i>1</i>	<i>1</i>	
<i>W</i>	5,063,196	11/5/91	Doughty et al.	<i>1</i>	<i>1</i>	
<i>W</i>	4,802,898	2/7/89	Tolles	<i>1</i>	<i>1</i>	
<i>W</i>	4,801,311	1/31/89	Tolles	<i>1</i>	<i>1</i>	
<i>W</i>	4,737,173	4/12/88	Kudirka et al.	<i>1</i>	<i>1</i>	
<i>W</i>	4,594,231	6/10/86	Nishino et al.	<i>1</i>	<i>1</i>	
<i>W</i>	4,531,953	7/30/85	Groose et al.	<i>1</i>	<i>1</i>	
<i>W</i>	4,474,739	10/2/84	Zackay et al.	<i>1</i>	<i>1</i>	
<i>W</i>	4,293,317	10/6/81	Kovach	<i>1</i>	<i>1</i>	
<i>W</i>	4,271,133	6/2/81	Tellis	<i>1</i>	<i>1</i>	
<i>W</i>	4,222,892	9/16/80	Motojima et al.	<i>1</i>	<i>1</i>	
<i>W</i>	4,212,852	7/15/80	Aibe et al.	<i>1</i>	<i>1</i>	
<i>W</i>	4,204,980	5/27/80	Pasha et al.	<i>1</i>	<i>1</i>	
<i>W</i>	4,111,833	9/5/78	Evans	<i>1</i>	<i>1</i>	
<i>W</i>	4,091,822	5/30/78	Ihrig et al.	<i>1</i>	<i>1</i>	
<i>W</i>	4,070,300	1/24/78	Moroni et al.	<i>1</i>	<i>1</i>	
<i>W</i>	4,040,802	8/9/77	Deitz et al.	<i>1</i>	<i>1</i>	
<i>W</i>	4,022,223	5/10/77	Rainer et al.	<i>1</i>	<i>1</i>	
<i>W</i>	4,016,242	4/5/77	Deitz et al.	<i>1</i>	<i>1</i>	
<i>W</i>	3,935,294	1/27/76	Teller	<i>1</i>	<i>1</i>	
<i>W</i>	3,901,818	8/26/75	Durand et al.	<i>1</i>	<i>1</i>	
<i>W</i>	3,796,023	3/12/74	Raduly	<i>1</i>	<i>1</i>	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	SubClass	Translation	
						Yes	No
<i>W</i>	0 370 141 B1	12/21/94	Europe	<i>1</i>	<i>1</i>		
<i>W</i>	0 629 437 B1	12/21/94	Europe	<i>1</i>	<i>1</i>		
<i>W</i>	405 404 A1	1/2/91	Europe	<i>1</i>	<i>1</i>		
<i>W</i>	2 187 725 A	9/16/87	United Kingdom	<i>1</i>	<i>1</i>		
<i>W</i>	1 123 822	8/14/68	United Kingdom	<i>1</i>	<i>1</i>		

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

<i>W</i>	<i>W</i>	Deitz et al., <i>Recovery of CK Efficiency of Whetlerites by CO Pretreatment-Role of TEDA and Surfactants</i> , NAVAL RESEARCH LABORATORY <i>no date</i>
<i>W</i>	<i>W</i>	Maggs et al., <i>Enhancement of CK Protection By Use of Teda Impregnated Charcoal</i> , CHEMICAL DEFENCE ESTABLISHMENT TECHNICAL PAPER NO. 225, June 1977
<i>W</i>	<i>W</i>	Smith, Simon James, <i>Behaviour of Impregnated Activated Charcoal Cloth With Hydrogen Cyanide</i> , UNIVERSITY OF MANCHESTER THESIS, October 1982 to September 1985

EXAMINER
Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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✓	3,796,023	3/12/74	Raduly	/	/	
✓	3,739,550	6/19/73	Martin et al.	/	/	
✓	3,618,691	11/9/71	Honda	/	/	
✓	3,618,295	11/9/71	Geiger et al.	/	/	
✓	3,605,759	9/20/71	Owens, Jr. et al.	/	/	
✓	3,532,637	10/6/70	Zeff et al.	/	/	
✓	3,491,031	1/20/70	Stoneburner	/	/	
✓	3,489,507	1/13/70	Gardner et al.	/	/	
✓	3,460,543	8/12/69	Keith II, et al.	/	/	
✓	3,453,807	7/8/69	Taylor	/	/	
✓	3,355,317	11/28/67	Keith II, et al.	/	/	
✓	3,251,365	5/17/66	Keith II, et al.	/	/	
✓	2,963,441	12/6/60	Dolian et al.	/	/	
✓	2,920,051	1/5/60	Wiig et al.	/	/	
✓	2,920,050	1/5/60	Blacet et al.	/	/	
✓	2,818,323	12/31/57	Haensel	/	/	
✓	2,612,434	9/30/52	Rockwell et al.	/	/	
✓	2,523,875	9/26/50	Morrell et al.	/	/	
✓	2,511,290	6/13/50	Morrell et al.	/	/	
✓	2,511,288	6/13/50	Morrell et al.	/	/	
✓	2,400,709	5/21/46	Patrick	/	/	
✓	1,781,664	11/11/30	Rockwell	/	/	
✓	1,519,470	12/16/24	Wilson et al.	/	/	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	SubClass	Translation	
						Yes	No
✓	1,605,363	2/28/75	France	/	/		X
✓	1,098,579	2/2/61	Germany	/	/		X

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

✓	~	Military Problems with Aerosols and Nonpersistent Gases, NATIONAL DEFENSE RESEARCH COMMITTEE, 1946 <i>no month</i>
✓	~	Chemsorb™ 620 product literature <i>no date</i>
✓	~	Defense Against Toxic Agents, CHEMICALS IN WAR, vol. 5, pages 810-815 <i>no date</i>

EXAMINER

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7/13/03

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Use as many sheets as necessary)

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Application Number

09/853054

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First Named Inventor

Hern, Jamie A.

Art Unit

1723

Examiner Name

Attorney Case Number

56684US002

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US-			
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			

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Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (if known)				
u	B1	EP	0455173	11-06-1991			
u	B2	EP	0143027 B1	12-17-1986			
u	B3	EP	0143027 A1	05-29-1985			
u	B4	WO	81/02256	08-20-1981			
	B5						
	B6						
	B7						

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	
	C2	
	C3	

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